



DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY
2300 E STREET NW
WASHINGTON DC 20372-5300

IN REPLY REFER TO
BUMEDINST 5220.3C
BUMED-02T
5 Mar 99

From: Chief, Bureau of Medicine and Surgery

Subj: QUALITY ASSURANCE AND REVALIDATION (QA&R) OF NAVAL
AVIATION SURVIVAL TRAINING PROGRAM (NASTP) TRAINING
DEVICES

Ref: (a) OPNAVINST 1500.76 (NOTAL)
(b) CNO ltr Ser 00/4U500017 of 19 Jan 94 (NOTAL)
(c) BUMED NASTP Standard Operating Procedures (SOP),
chapter 6 (NOTAL)
(d) BUMED QA&R System Test Criteria (NOTAL)
(e) NAVTRASYSCEN ltr 5000 Ser 4/50 of 18 Sep 89 (NOTAL)
(f) SECNAVINST 5214.2B

1. Purpose. To issue the policy and requirements in reference
(a) as they apply to Naval Aviation Survival Training Program
(NASTP) devices and to assign implementing responsibilities.

2. Cancellation. BUMEDINST 5220.3B.

3. Discussion

a. Reference (a) contains the policy for Navy QA&R Programs and assigns related responsibilities and actions within the Navy. Reference (b) designates the Bureau of Medicine and Surgery (BUMED) as the training agent for aviation physiology and water survival training. This instruction establishes a QA&R program for all training devices used in aviation physiology and water survival training consistent with the policies and responsibilities in references (a) through (e).

b. Reference (e) states the Naval Air Warfare Center, Training Systems Division (NAVAIRWARCENTRASYS DIV) will make every effort to provide technical support to the QA&R program where safety of personnel (physiology, water survival, fire fighting, etc.) is involved. NAVAIRWARCENTRASYS DIV's support for the QA&R program consists of technical expertise from personnel located at In-Service Engineering Offices (ISEOs) in Norfolk, VA and Pensacola, FL.

4. Responsibilities. The Chief, BUMED is responsible for implementing and managing the BUMED QA&R program for aviation survival training devices. NAVAIRWARCENTRASYS DIV, as training support agent, has additional responsibilities for the same devices. Chain of command considerations and support agreements may result in shared responsibilities with respect to action

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required by references (a) and (e). BUMED designates the Naval Operational Medicine Institute (NAVOPMEDINST) and the Naval Aviation Survival Training Program Model Manager (NASTPMM) as inspecting agents for this QA&R Program.

5. Action

a. BUMED is designated as the QA&R program manager. BUMED (MED-02T) shall submit budgetary requirements for inspectors and technical advisors to complete site inspections, and to review QA&R criteria. Inspections shall have the following guidelines:

(1) QA&R inspections shall be scheduled for all training devices used by the NASTP on an annual basis, using the methodologies and format described in reference (a).

(2) The QA&R inspection team shall consist of a NASTPMM inspector and a technical advisor from the cognizant training support agency.

(3) The final QA&R shall be based on the reporting custodian's operational evaluation provided at the preinspection briefing, the verification of this information by the QA&R inspection team, and the team's additional findings and recommendations based on application of approved QA&R criteria.

(4) The BUMED program manager, inspectors, and technical advisors shall participate in the annual QA&R program review.

b. NASTPMM shall:

(1) Prepare a combined annual NASTPMM QA&R inspection schedule, in coordination with the commands to be inspected, and disseminate the inspection schedule of specified devices to all appropriate commands by 1 October of the inspection cycle fiscal year.

(2) Conduct all QA&R inspections as BUMED inspecting agent using the criteria in reference (d).

(3) Prepare and review QA&R inspection reports for subject devices in context with assigned duties as the NASTPMM. Based on this review, provide recommendations to BUMED (MED-02T) and the trainer management team concerning possible use, improvements, and proposed acquisition of training devices.

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c. Training Device Reporting Custodians (NAVOPMEDINST Survival Training Centers and Training Departments) shall:

(1) Maintain a copy of this instruction and other appropriate references, as determined by the BUMED NASTP SOP.

(2) Maintain currency of publications and log books for each device under their cognizance including: operation and maintenance manuals, planned maintenance systems, sequence control charts and section I (Inventory), section III (Technical Engineering Change Record (TECR)), section IV (TECR record), and section VII (Preventive Maintenance System Log) of Device Log Books (or equivalent data).

(3) Request report, from the NAVAIRWARCENTRASYS DIV 111A9, consisting of device modification status summaries, depot level maintenance and overhaul schedules, and pertinent logistic information related to the scope of QA&R inspection. This data shall be requested within 1 month of each QA&R inspection.

(4) Provide the QA&R inspection team with a written evaluation of the training device system, based on assessment of local information and review of NAVAIRWARCENTRASYS DIV data. The evaluation is to be presented at the preinspection briefing. As a minimum, the evaluation shall address the following items:

(a) Report data on cumulative number of students trained, for each device, for the last 3 calendar years. This shall be accompanied by a summary of utilization trends identifying any significant changes since the last inspection and assessment of causes of the changes, and whether trends may continue. A list of the curriculums supported shall be included for each device.

(b) List changes in the adequacy and quality of training the training device system provides, based on students feedback, fleet input, or operator comment.

(c) Identify deficiencies and discrepancies that have reduced training availability, and its capability to meet its designed performance requirements.

(d) Recommend changes (submitted TECRs) to physical configuration, maintenance and overhaul, or rework requirements for assigned devices, that have arisen since the last inspection, and actions taken to identify the requirements to the NASTPMM and NAVAIRWARCENTRASYS DIV.

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(e) Report status for all incomplete action items from last QA&R inspection.

(5) Assign a knowledgeable representative from the activity to assist the inspection team.

(6) Report the status of any QA&R assigned actions to BUMED (MED 02T), via NASTPMM, within 30 days of receipt of signed QA&R report. Negative reports are not required.

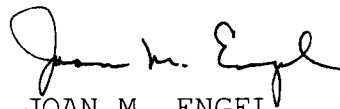
(7) Forward 60-day followup status reports to BUMED (MED-02T), via NASTPMM until all assigned action items have been completed. Provide copies of the status reports to the commands listed as addressees on the QA&R report distribution list.

d. NAVAIRWARCENTRASYS DIV shall:

(1) Provide device technical and logistics support advice and assistance per reference (a).

(2) Provide logistics information pertinent to the scope of QA&R inspection as requested by reporting custodians and required by reference (a). As a minimum, the data shall include device modification status, depot level maintenance actions required and device overhaul schedules.

6. Report Exemption. The reporting requirements included in this instruction are exempt from reports control per reference (f), part IV, paragraph G8.



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